# Mountain Weather Forecast

## Peak District National Park

Forecast valid from 00:00 on Tuesday 07 Mar 2023 until 23:59 on Wednesday 08 Mar 2023

Forecast Issued on Monday 06 Mar 2023 at 14:37

**Confidence:** High for mostly fair Tuesday and Wednesday, also for unsettled from Thursday, but lowering for detail or timing, intensity and snow level.

**Headline for Tuesday 07 Mar 2023:** Mainly dry with prolonged sunshine, but wintry cold with severe wind chill in fresh northwest summit winds.

**Mountain weather hazards on Tuesday 07 Mar 2023**

**Blizzards**
No Likelihood

**Heavy persistent snow**
No Likelihood

**Storm force winds**
No Likelihood

**Gales**
No Likelihood

**Severe chill effect**
Medium Likelihood

**Poor visibility**
No Likelihood

**Thunderstorms**
No Likelihood

**Heavy persistent rain**
No Likelihood

**Strong sunlight**
No Likelihood

**Weather and chance of precipitation at 600m**

| Time | | | | | | | |
|---|---|---|---|---|---|---|---|
| 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| Cloudy | Cloudy | Sunny intervals | Sunny intervals | Cloudy | Sunny intervals | Clear night | Clear night |
| Precipitation probability | | | | | | | |
| 00% | 00% | 00% | 00% | 10% | 20% | 10% | 00% |

**Forecast for Tuesday 07 Mar 2023**

**Weather:** A fine dry day for the majority with good bright and sunny period, with only the odd isolated light afternoon snow shower developing.

**Chance of cloud-free hill tops above 600m:** 90% plus

**Low cloud and visibility:** Good or very good, becoming briefly poor or very poor in snow showers, also within cloud with bases infrequently lowering to 500m as showers cross.

Check our weather forecast every day to get the most accurate and up to date information
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# Mountain Weather Forecast

**Forecast for Tuesday 07 Mar 2023**

| Height (m) | Wind Speed mean/gusts (mph) | | | | | Wind Direction (blowing from) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 8/11 NW | 6/8 N | 6/10 N | 9/12 N | 9/14 NW | 10/15 N | 7/12 NW | 4/7 NW | 5/7 N |
| **300** | 5/8 N | 4/8 NW | 3/5 N | 5/8 N | 9/13 NW | 9/14 NW | 6/12 N | 3/6 SW | 4/6 S |
| **Valley** | 3/8 NW | 3/8 N | 3/8 N | 4/8 N | 7/13 NW | 7/13 N | 5/12 NW | 2/6 NW | 4/6 SE |

| Height (m) | Temperature / Feels Like (°C) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | -2/-6 | -3/-7 | -4/-8 | -4/-9 | -2/-7 | -1/-6 | -3/-7 | -4/-7 | -5/-8 |
| **300** | 0/-2 | -0/-3 | -2/-4 | -1/-4 | 1/-3 | 1/-2 | -0/-3 | -2/-4 | -3/-5 |
| **Valley** | 1/-1 | -0/-2 | -2/-4 | -0/-3 | 2/-1 | 3/-0 | -0/-3 | -2/-4 | -3/-5 |
| **Freezing Level*** | 200m | 100m | 00m | 00m | 00m | 00m | 00m | 00m | 00m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**
Significant wind chill at height.

**Recent rainfall:** measured at Cat & Fiddle: altitude 511m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 15:00 on Mon 06 Mar 2023 | 6.4mm | 6.4mm | 6.4mm |

**Forecast for Wednesday 08 Mar 2023**

**Weather:** Cold, mostly dry with occasional bright spells and relatively light winds. Best of the brightness early in the day, with cloud tending to increase from the south from late morning, bringing the chance of some patchy snow later in the day.

**Maximum wind:** Easterly 15mph or less

**Chance of cloud-free hill tops above 600m:** 90% plus becoming 70% by late afternoon

**Low cloud and visibility:** Good or very good, becoming briefly poor or very poor in snow showers, also within cloud with bases lowering at times 500m, chiefly during the afternoon.

**Temperature:** **Valleys:** Minus 8 Celsius increasing plus 4 Celsius for the afternoon
**At 600m:** Minus 4 Celsius
**Freezing level:** 200m or less

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